

G18-SUB

Compact Multipurpose
18" Sub-Extension



The G18-Sub is an 18" compact subwoofer that provides powerful and extended low frequency response. Low port compression and optimised enclosure design give a tight, accurate bass response that is ideally suited as a sub-extension for HOPS, G-Series, and CoRAY column line source systems.

The G18-Sub is equipped with an extremely long excursion 18" neodymium ultra low distortion woofer. The neodymium motor delivers extreme high magnetic flux for increased efficiency. The 4" voice coil is 38 mm high, ensuring ultra linear excursion of 26 mm / pp at consistent magnetic force.

State-of-the-art carbon-fibre cone ensures maximum stiffness and low moving mass. Three aluminium shorting rings reduce intermodulation distortion, minimise induction variation while reducing thermal compression. This design dramatically reduces the distortion of a typical subwoofer at longer excursion levels, and improves the overall sound quality and performance characteristics of the cabinet.

The G18-Sub is perfectly suited as a sub-extension for the G700-Series systems and can be used in houses of worship, theatres, clubs and mobile applications.

The G18-Sub is designed to work exclusively with dedicated CODA Audio DSP amplifiers as an integrated solution for DSP control, amplification, network remote control and diagnostic. The integrated solution ensures optimal performance and protection, as well as extensive possibilities for system tuning and monitoring.

G18-Sub Features

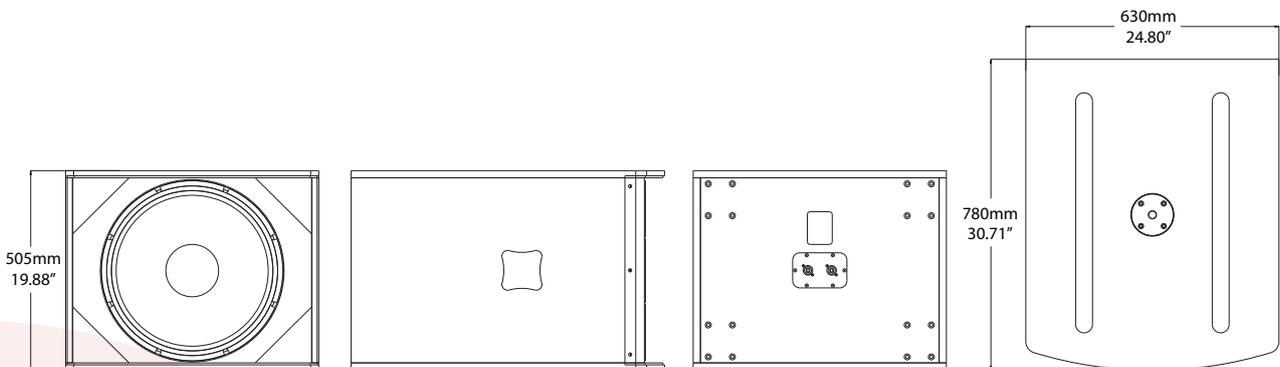
- ⊕ 18" ultra low distortion neodymium woofer
- ⊕ Frequency range: 28 Hz -120 Hz (-6 dB)
- ⊕ High power handling: 1250 W (AES)
- ⊕ Maximum SPL 139 dB (peak)
- ⊕ Low power compression
- ⊕ Optimised cabinet design with low port compression
- ⊕ Powerful and accurate bass reproduction
- ⊕ Perfect system integration with the G700 Series
- ⊕ System integration with LINUS Loudspeaker Management Amplifiers

G18-SUB Data Sheet



Product type:	Compact multipurpose 18" sub-extension
Frequency response:	28 Hz - 120 Hz (-6 dB)
Power handling AES / peak (passive):	1250 / 5000 W
Sensitivity 1 W / 1m:*	102 dB
Max. output peak:	139 dB
Amplification, cabinets per amplifier: (Optimum / Maximum)	LINUS12C: 8/12 LINUS14D: 8/12
Components:	18" Nd ultra low distortion woofer, 4" (101.6 mm) VC, 1250 W (AES)"
Input connectors:	2x Neutrik™ NL4MP
Velocity sensors output:	N/A
Nominal impedance:	8 Ω (+1/-1)
Enclosure material:	Birch plywood
Finish:	Polyurea coating
Suspension:	M20 threaded points
IP rating options (IEC 60529):	Standard IP54
Weatherproof protection options:	Standard IP55: IP55 (direct cable) MG1 (Marine Grade 1): IP55
Dimensions (WxHxD):	630 x 505 x 780 mm / 24.8 x 19.88 x 30.71"
Net weight:	46 kg / 101.41 lbs

*Measured with pink noise 6 dB crest factor. Half-space loading.



Other G18-Sub System Products



G700-Series

High-Output 3-way Multidesign System



CoRAY4

Compact 2-way
Column Line Source



LINUS12C

4-Channel DSP Amplifier with
Loudspeaker Management

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